

Patent Abstracts of Japan

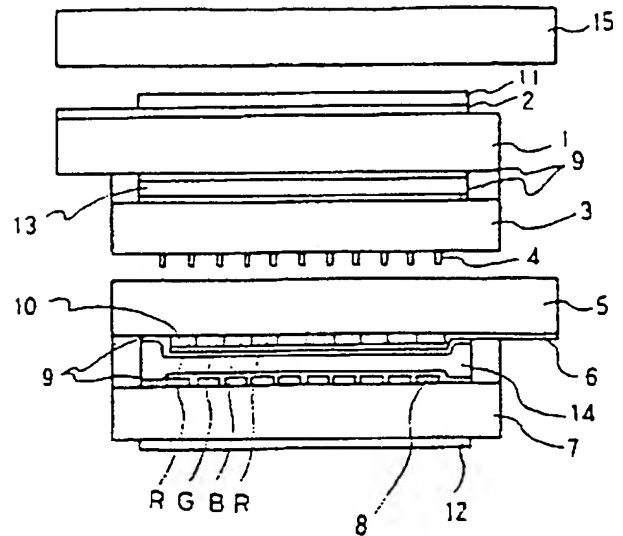
PUBLICATION NUMBER : JP2040614
 PUBLICATION DATE : 09-02-90
 APPLICATION NUMBER : JP880191262
 APPLICATION DATE : 29-07-88

VOL: 14 NO: 199 (P - 1040)
 AB. DATE : 23-04-1990 PAT: A 2040614
 PATENTEE : TOPPAN PRINTING CO LTD
 PATENT DATE: 09-02-1990

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INT.CL. : G02F1/133; G02F1/1347;
 G09F9/00

TITLE : IMAGE DISPLAY INPUT DEVICE



ABSTRACT : PURPOSE: To improve the resolution by providing electromagnetic inducing conductors for coordinate input to a liquid crystal display consisting of two layers of a birefringent liquid crystal display plate and a color compensating liquid crystal plate for compensating coloring due to birefringence additionally to the color compensating liquid crystal plate.

CONSTITUTION: One on one surface sides of glass substrates 1 and 3, conductors 2 and 4 are formed by patterning a vapor-deposited film consisting of three layers of Cr (1,000Angstrom), Cu (3,000Angstrom), and Cr (1,000Angstrom) in a numerous-line shape with use of etching method using photoresist. The conductors 2 on the glass substrate 1 are arrayed crossing the conductors 4 on the glass substrate 3 at right angles, an orienting film 9 and liquid crystal 13 for color compensation are provided on the opposite surface sides of the substrates 1 and 2 and the conductors 2 and 4 are used for input coordinate detection. Further, a color filter 10, a transparent electrode 6 and the orienting film 9 are formed on the glass substrate 5 and a transparent electrode 8 and the orienting film 9 are formed on the glass substrate 7; and those surfaces are provided opposite each other, and liquid crystal 14 is charged and driven by the transparent electrodes 6 and 8.